## EAST Search History

| Ref # | Hits  | Search Query   | DBs                          | Default<br>Operator | Plurals | Time Stamp          |
|-------|-------|--|------------------------------|---------------------|---------|---------------------|
| L1    | 2     | ("1947461").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/01/17<br>18:41 |
| L2    | 2     | I1 and (vortex or tip<br>or downwash)  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/01/17<br>18:42 |
| L3    | 18    | (US-20040061029- \$).did. or (US- 6076468-\$ or US- 1989291-\$ or US- 1989291-\$ or US- 1890012-\$ or US- 1890012-\$ or US- 1890012-\$ or US- 5823480-\$ or US- 5823480-\$ or US- 57108230-\$ or US- | US-PGPUB;<br>USPAT           | OR                  | ON      | 2008/01/17          |
| S60   | 68617 | ("244").CLAS.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/01/07<br>11:55 |
| S61   | 122   | S60 and (yaw or<br>turn or roll) and<br>(without near2<br>rudder)  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/01/07          |
| S62   | 15    | S60 and (wing with<br>(gate or fence)) and<br>(yaw with rudder)  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/01/07<br>12:06 |
| S63   | 21    | S60 and (wing with (vortices)) and (yaw with rudder)   | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/01/07<br>12:09 |

| \$64 | 67 | ("0983967"   "1011767"   "1011767"   "1063805"   "1710673"   "2123096"   "2210642"   "2576981"   "2846165"   "3369775"   "3411738"   "3480234"   "3596854"   "3776363"   "4197869"   "4108403"   "4197869"   "4293110"   "4293110"   "4293110"   "4293209"   "4382569"   "4444367"   "4776542"   "4975022"   "5058837"   "5074234"   "5150859"   "5356094"   "5356094"   "5356017") .PN. OR ("5634613").UPPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/01/07       |
|------|----|---|------------------------------|----|----|------------------|
| S65  | 50 | S60 and (turn or<br>yaw) with (without<br>near3 rudder)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/01/07       |
| S66  | 67 | ("0983967"  <br>"1011767"  <br>"1063805"  <br>"1710673"  <br>"2123096"  <br>"2210642"  <br>"2576981"  <br>"2846165"  <br>"3369775"  <br>"3411738"  <br>"3480234"  <br>"3596854"  <br>"3776363"  <br>"3904151"  <br>"4108403"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2008/01/07 12:31 |

|     |      | "4293110"   "4323209"   "4323209"   "4382569"   "4444367"   "4705240"   "4776535"   "4776542"   "4949919"   "4975022"   "5058837"   "5074234"   "5150859"   "5366094"   "5366177").PN. OR ("5634613").UFPN.                      |                              |    |     |                     |
|-----|------|--|------------------------------|----|-----|---------------------|
| S67 | 111  | (US-20040061029-<br>\$).did. or (US-<br>6076468-\$ or US-<br>2565990-\$ or US-<br>1989291-\$ or US-<br>1890012-\$ or US-<br>4671473-\$ or US-<br>5823480-\$ or US-<br>5823480-\$ or US-<br>7108230-\$ or US-<br>5634613-\$).did. | US-PGPUB;<br>USPAT           | OR | ON  | 2008/01/07<br>14:32 |
| S68 | 2914 | S67 and (drag near4<br>lift) or (induced with<br>(drag or yaw))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/07<br>14:33 |
| S69 | 7    | S67 and ((drag<br>near4 lift) or<br>(induced with (drag<br>or yaw)))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/07<br>14:33 |
| S70 | 1    | ("4108403").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2008/01/10<br>14:05 |
| S71 | 20   | ("2123096"  <br>"3411738"  <br>"3974986").PN. OR<br>("4108403").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/10<br>14:05 |
| S72 | 9    | S71 and (induced near3 drag)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/10<br>14:05 |

| S73 | 1     | S71 and (induced<br>near3 drag) with<br>(change or<br>differential or alter<br>or disparity)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/10<br>14:06 |
|-----|-------|---|------------------------------|----|-----|---------------------|
| S74 | 2     | S71 and (induced<br>near3 drag) with<br>(rudder or twist or<br>warp or adverse)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/10<br>14:07 |
| S75 | 6     | S71 and (induced<br>near3 drag) and<br>(rudder or twist or<br>warp or adverse)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/10<br>14:08 |
| S76 | 2     | ("0000244").PN.   | US-PGPUB;<br>USPAT;<br>USOOR | OR | OFF | 2008/01/10<br>14:39 |
| S77 | 68633 | ("244").CLAS.   | US-PGPUB;<br>USPAT;<br>USOOR | OR | OFF | 2008/01/10<br>14:39 |
| S78 | 65    | S77 and (increase<br>near4 aspect) with<br>wing   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/10<br>14:40 |
| S79 | 17    | [("2365577"  <br>"2846165"  <br>"3022965"  <br>"4017041").PN. OR<br>("4247063").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/10<br>14:47 |
| S80 | 12    | [("2420433"  <br>"2550278"  <br>"2858091"  <br>"3092355").PN. OR<br>("4181277").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/01/10<br>14:52 |
| S81 | 4     | ("2420433").URPN.   | USPAT                        | OR | ON  | 2008/01/10<br>14:56 |
| S82 | 18    | (US-20040061029-<br>\$).did. or (US-<br>6076468-\$ or US-<br>2565990-\$ or US-<br>1890291-\$ or US-<br>1890012-\$ or US-<br>4671473-\$ or US-<br>5823480-\$ or US-<br>4722499-\$ or US-<br>7108230-\$ or US-<br>5634613-\$ or US-<br>4247063-\$ or US-<br>4181277-\$ or US- | US-PGPUB;<br>USPAT           | OR | ON  | 2008/01/10<br>14:57 |

|     | *************************************** | 6834835-\$ or US-<br>6098927-\$ or US-<br>2858091-\$ or US-<br>2550278-\$ or US-<br>2420433-\$).did. | *************************************** | *************************************** |    |                     |
|-----|---|--|---|---|----|---------------------|
| S83 | 6                                       | S82 and (rudder)   | US-PGPUB;<br>USPAT;<br>USOCR            | OR                                      | ON | 2008/01/10<br>14:57 |
| S84 | 211                                     | S77 and (without<br>near3 rudder)  | US-PGPUB;<br>USPAT;<br>USOCR            | OR                                      | ON | 2008/01/10<br>14:59 |
| S85 | 16                                      | S77 and (without<br>near3 rudder) and<br>((induced near4<br>drag) or (adverse<br>with yaw))          | US-PGPUB;<br>USPAT;<br>USOCR            | OR                                      | ON | 2008/01/10          |
| S86 | 2                                       | ("1947461").URPN.  | USPAT                                   | OR                                      | ON | 2008/01/10<br>15:05 |

## 1/17/2008 7:17:58 PM

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